

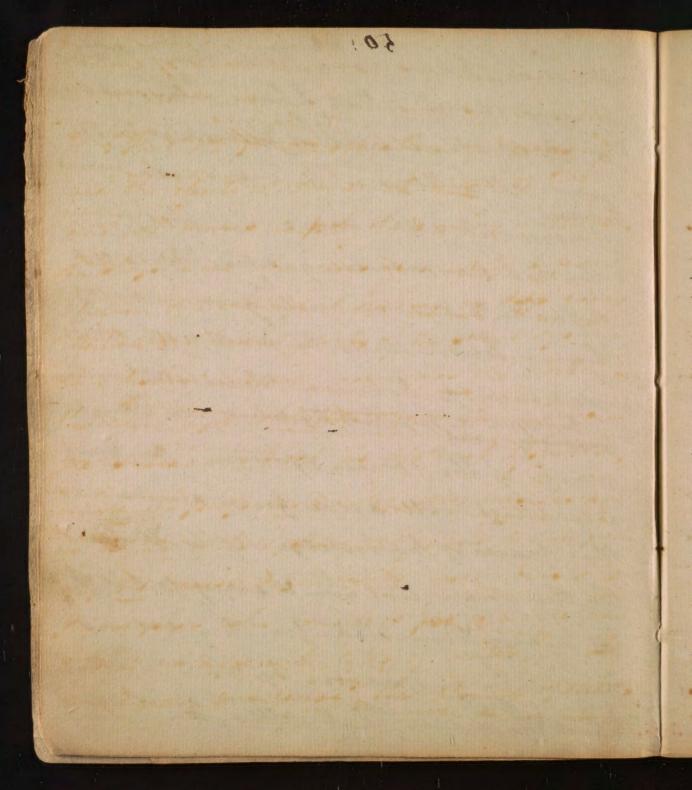
of Local Diseases of the black Color of the Africans. of the proximate cause of Death

But again - The diseases of the same Systems differ weaterially in this degrees. 2 9: There is a febris & febrienda - there is Rhuranatis mus Viherematicula Physicis & Phrevicula - orante & chronic Delinion. ystern - There is involventary notion, and in its disution motion is contrary only to the will - There is Dysenteria & Dysentericula in the alines. - tany canal - There is Hepatitis aunta and Chronisa - There is how & gonoshow in the Symphatic hystem & There are the internal internal measles - & so on in all the Other Tystems. In each of these the discore is hinited so closely to the hystern affected & acts on it to bubly, as to allow the paline to his bed. Lastly - Discuss waist in one frust of the I have hystern, and produce their lyartstowns I have sun about in lungs only in heach autin fitures is sortly in the debility of fitures is sented in the fort, & yet it apprears, in the

Vyot heeps within the limits of the domainion formerly apigned to them. 3 The Diseases of the Stornach & bowels Often exchange literations. m. 4 The affections of the Shin particularly Jours - and tetters of all him and and appear in different Susons in cliff! parts of the body. 5 the mist of the discurs of the glands are disposed frequently to change this places, more experially Droposis. The discuss of the two last lysterns which I have described, bound afford no instances of metastasis wish as have been mentioned. with this we finish the general

nech. break hugs exite a Cough - strice a weak stomach a Cough - one kidney has in one instance produced pain only in the Other.

discours. I have done little more than said mand them. But I have delivered eno to open a new field of themselion to your altention. The more you view Sincal this the midium of the hysterns which I have emerceated, the more definite & presise will your ideas of them. Indiawour to find out new relationships between them witherthis forther on semete parts of the same System. One great advantage will arise from enercesing Ohis Spuies of humbogs it will lead to the more certain & muspful lese of many Remedies - for they net as certainly on Specific hystems, as those Systems act on each other . I From u



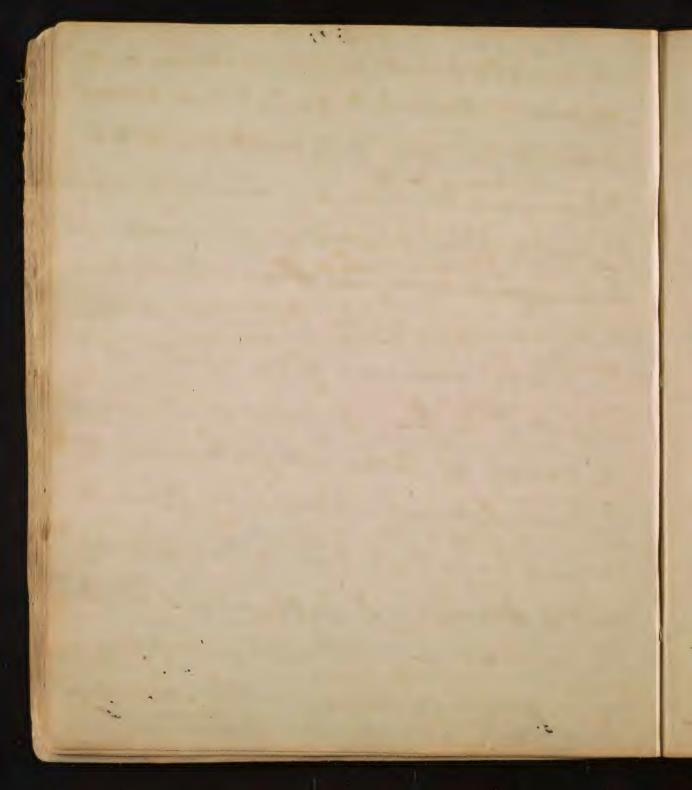
reveire of what has been said of general causes of presume us lone will now the leading the truth of the following from: - 2itions. Athet of Our pathology. I Shat debitity is the universally predis: - prosing cause of all general diseases. a That visign energed or morbid existability is the universal effect when secent) of the previous debility. 3 That irright a want of toder in motions is as to force time of place, constitutes the proscionate courses of all the general discures of the Sentient & instable parts of the body. 4 That the great devet of medicine, and Otro fort Consists in the knowledge

V 5 That the prultiplication of diseases with are the effects of one or at most, of two original causes is poly their in minine. The physician who considers every different affection of the different hysterns, or diffe every affection of different parts of the same hystern, as a distinct disease, resembles the Indian, on the new negro who considers water - Deno -See - Inow - and frost as distinct espences, while the physician who considers disease an exited partof bystem only; and derived from as a state of the Lystem only; and derived from only one cause, viz : debility, swembles the Rilosopher who considers fine den - ice-from only as I frost as different flates of water, and all derived from one cause; the absence of theat. Having finished gen discases, I should

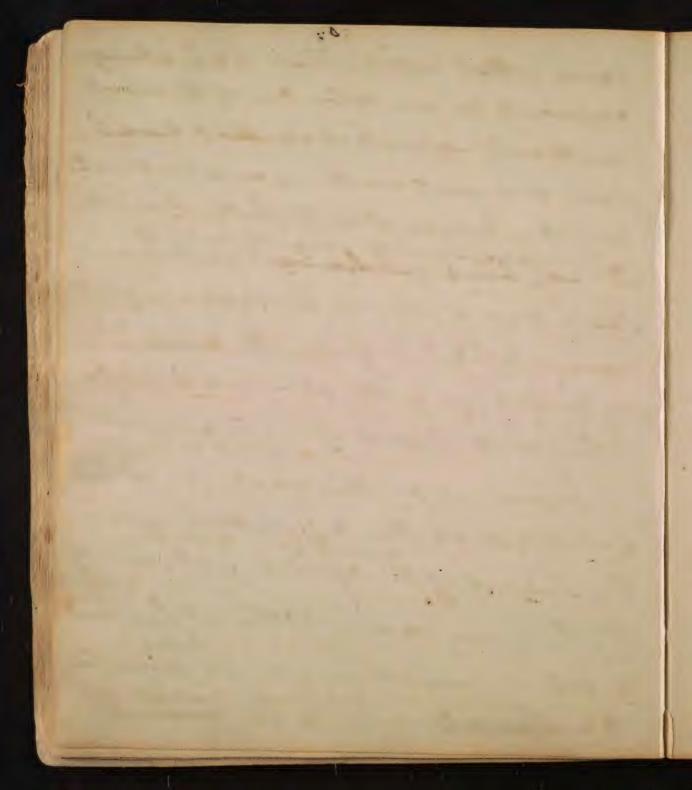
of the found affected, of the force, or degrees of the choice of the servery suited to the lightern which afterwards in a the exact accommodation of is affected the windy of that servery, to that action the degrees of morbid action. he come now to spent of the fundia lances of partial or back dis-The first thing which Itinhes the eye in contemplating the horman sight bridy, The different hatisms winhabit on globe. This warity must be the offet of Discusse, for there can be no doubt but the whole human rue must have been derived from one pair, de

proceed to treat of their general consequences viz: disorders. Tray general consequences, for there may be disorder in a part which has not been proceeded by Disease or mosbid excitement. There is libewise Juguently a minutaire of disease I disorder in the same part as inflan," & Supportation or chimes in the lives discord Inostied excitement & inflame. Dockhamorshage, The smal Consequence of morbid existerment a circulation of red groundless on discase one I buy nor effection of red groundless into some vepelo - 2 bromorshafe : 3 Effection Astagnation of Semm - a Congulable - and sed Blood-frist ends in resolution 2003 in Proposation - all 3 in congestion like gargnene 4 gangrene - or lop of power of emitting life from great force of action in any part. These dubentes - Jehimi - Opi fication & carriers Evation - Drypsical mellings tomas forage many of them are not preceded by moster action.

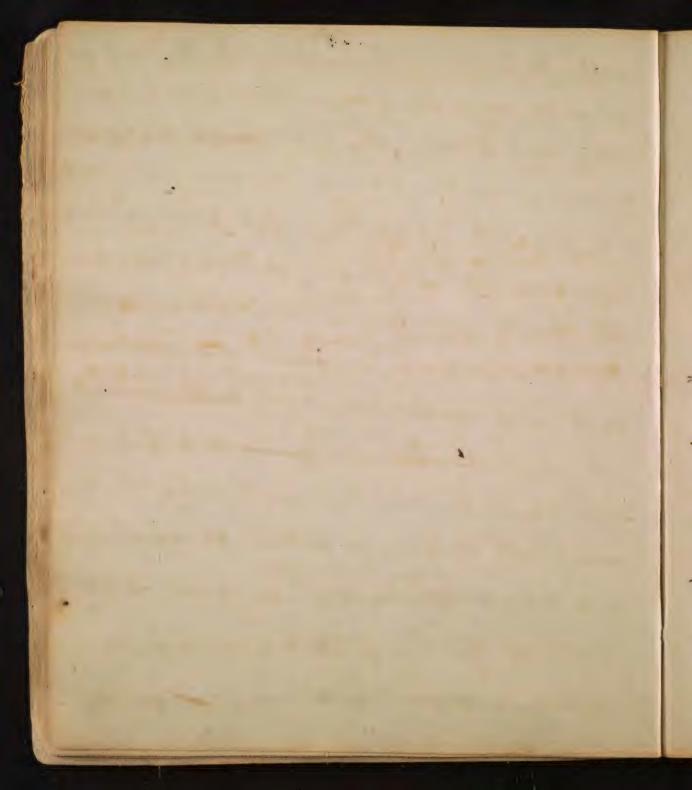
this pair must of conselven only of one of those lolors. The original Olive - all the others are densitations from it produced by airidental cirumotances to be resentioned horastens which are July immerated by Demith in his learned & ingenions epay upon this Subject. The four principal Unises of the variety of lotor and feature in the human body mentioned by Dynisth are 1 Climate - 2 Diet - 3 State of friety, and 4 Disease. I fully adopt the Dis come of each of them on the Shin and face, and will are further that the in



favor of that work, that it has always appeared to me to be one of the most aute and profound spays that best I have our met with you a medical Similaring residently miditions, Jame one of which perhaps might have misted him from the truck in. conducted inin with so much turels Whonor to the end of his inquiries. Ingenious as this work is - it has And Subject of the Color & features of The human race - altho it has laid a solid franktion for its done by Others freefile. If the lower her



color & fentures be produced by the Carries which have been mentioned, it has bur ashed why the not those disappear as som as the above conseshave und to operate. This is no far from lesing the case that a negro retains his loton for Centry lefter being reserved from the heat of the fun - from unwholsome diet - I an age Society and bilines dis which have been supposed to bemost instrumental in moducing his is a small physician - a considerable Shade of the black Color always dis-- wppears vois the bloom though of



Consessantances in two or three generations and the fentures eldom fail of becoming regular in the 3 2 generation under the above Change of trumstances. To account their for the duration of a meternatural lotor in the frim after The causes which indued it cease to pre-: mte, I suit villy remind you of a fact mentioned formerly, I that is the the alities of the In an the most toposmiprible to posterity of any puntianity of the body, and the last biable to be offerted by time or external six. - unstances.

V as well as in the flate of hosticulture - agriculture - building, by cloathing, by which we the great foresces of marsh I human miasmata were dried up.

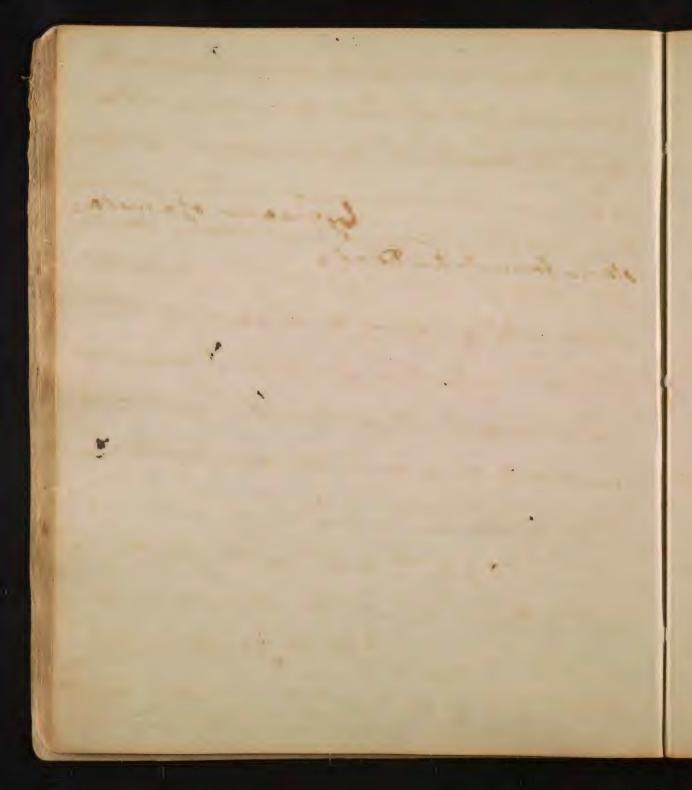
But the dup black loter und the big life and the flat wore - and the worly hind of the argro require a sperific theny to explain from . I shall stoer one is hith I doon will be satisfactory. I formerly trok notice of the influence of Dit on money the State of Society in modering Diseaus of the flier, and ascribed the decay of Elishantianis -Algority to the change in the dit, and employments of manhind by the Inditical State of the thouse in the It & 15 Centrosies in During the providence of unwholsome diet - Invage manners

of mostid ation of an effection of the black bile to the rete mucosum, for the bile of it is well known Sometimes imparts a black colon to the blass, and also to the whole thin in the a disease which is known by The name of the black Jamed ice . now this

I bilions discuss among a propole who inhabited hot country, it is easy to conceive that a disease many have been induced agreements of a meta:
but call the dispressy, and when tone
stasis formerly hinted at,
produced in a fine families might
have yours on a fire part of the Globe - To this Lynny - I assile the color of the vegroes. my reasons for this opinion are as follow.

The hippyry is accompanied

This the simparts in some in
estarces, a black Colon to, the phin . of this I have lately met with a most satisfactory forog in Dothing humant of the discurs of Asturia



in Spain. I shall give you a translation of his own loveds upon Stis heljut. There are says he alove 20 hospitats for Lysers in this fromina - and I have Observed six peris of the disorder. The 2 freis is called the black Albaras of the Arabians. The This burnes black - thick - It graisey. There are hirther protules - nortubules, nor Jeales nor any thing out of the way on the hor . The body is not in the linot una cruter - The breathing is a little difficult, It the Counter ance has some ferranes in it. They whele Inspitually a puntiar Wisaquable Smelly which I can compare to nothing

of this fruit sometimed by Dr Theiry conday. 7 my Hankins takes within of the in his travels into the interior party africe of they popels the features of the myso. mo Hankins has described them in the following words. "Their harrise p: 116 - ulso 117.118. - This artless Immelies does not stop here - the idea of its being a disease, and its Ipecific vature did not exape hime - hence he adds the This is come white is to proportion to the This is come more in Inva, Panama when it is proportionally occurs a divinity through equally great in the hymptoms of many other diseases. The same state of by black and white Stools - by opposite

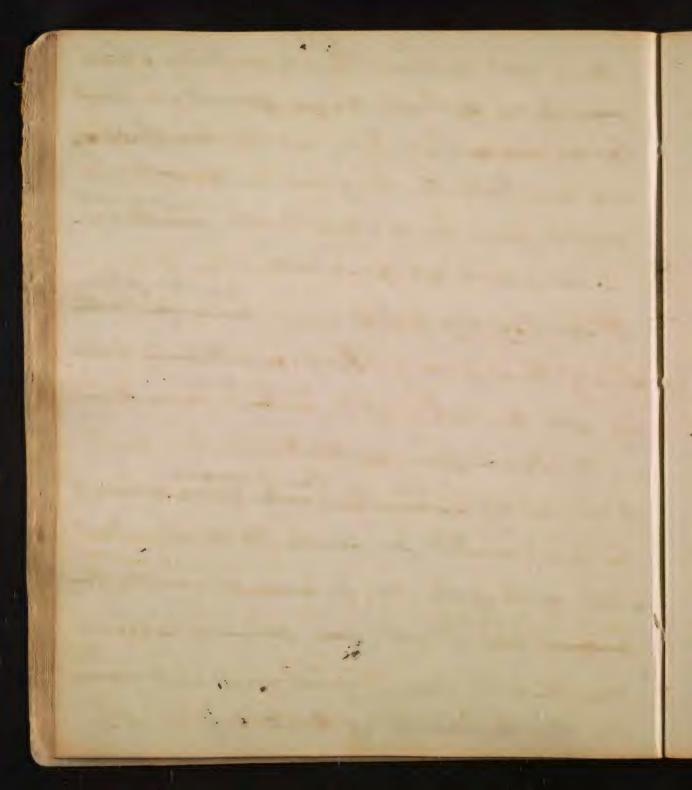
but the smell of a mostified limb! 2 This Theology is described in the Wby ambeut writing a pretermany Old testament as imparting a pretermany : tresal whiterup to the frien This white : nep is sometimes in spots, & again it extends over the whole body toon the plants been called alberrage. # of the sometimes appears made with black Spots. a pieture of a negro in Virginia mentione Thurses with in his trong ages to white ablack Lastahen place has been happy by foresewed by present in his museum the pitture of a sign with white of mits on his This Hat nove be In The aignosy induces a mosbid insum: : bishty in the news. In Countries where the diseases is transier privates it is

temperature of the fline, & by opposite flates of the alimentary Canal. black The original connection of this color of the vegroes with Lynosy is susyested by the following fact extracted from mor Bouganilles Voyage de

common to say was that a funon duvid of himsibility has no more buting their adeper. I formerly men troned a jest from De mosely of the indifference in which hegroes Internit to operations in Lungery in In west provis. Even in this Country The negroes have been thousand to handle fin without an unstion, and went suffering from it like white people. L'après are unarhable for having Strong benerial dioce thoises. This is Their fruitfulness when they are not diprefred by Mavery. her Menery



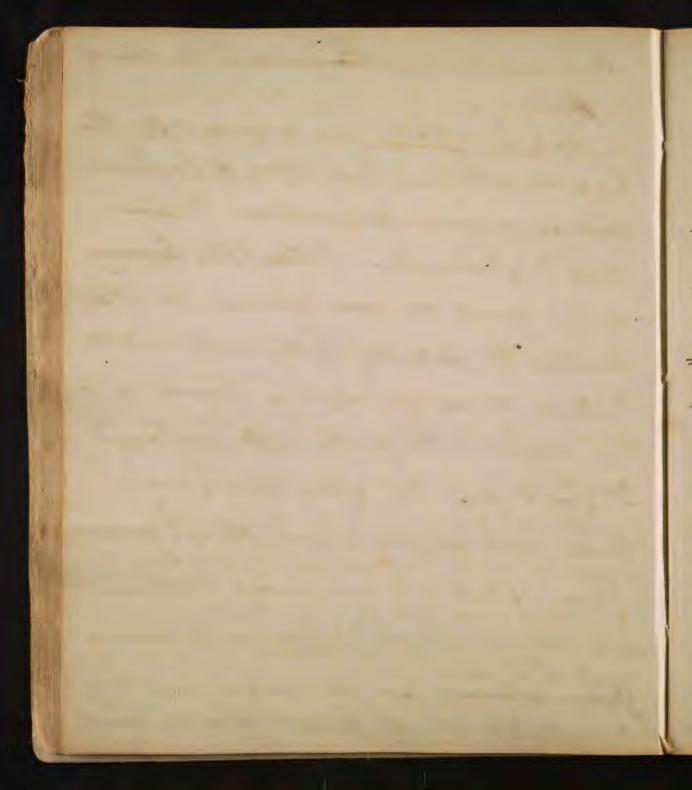
does not subdue the apportile, for we fifter debole days yount in hard labor in a hot fin in the worthholing we are too the originales will often with 5 The big lips & flat work belong to the by all Authors. I have been them in the Pennoyh: hospital. 6 the woody heads of the migrais connot lu auventer for form Climate - drit State of So viety, or bilions discussed for were all those be causes where Combined have not produced them in the nations of line or fouth



america phoolis facilias to the negro. In The my proofs of himility of the Lynny hympstoms of Lynny, and of the puntianties in the negro broy Sail me-but there is one fact in the history of the dynny that may throw some light upon it. The Triche. = ma or plica polonica se common formerly in Poland in a was africes of Leprony. It affected the hair only, in aparaliar omannen. Inom this has found its way to the worning of the hard in nymes the warriety of its effects on throwin, it is probable it may have produced a lightly word in

VIt caffecto before it appears as is a family in madrisa. a dady of a dybrono family married, - all her Children took the discare at 16 & died. The husband then took it & died, & finally the disorden apopeared in heroug - of which the died.

Atro cure as matter hair in the case of the Boles. But how hall we account for the long duration of this Colon of the thin This so many generations & even ages. I amourer; that the Lymony is the most durable discuse in its descent to protesity, & the most indestrue - tible in its nature of any discuse we are arguainted with. In fuland De Froil says it often disappram in two- and appears in the 4th genera . Lion - But 2 by no more happuns here than what happens to many generations are distinguished by a puntimity of figure of any part



of the body. The anisont Severhpuple who inhabit the Thighlands, have the dame Color colored hair letter same high theeh bones which are nowiled to this ancestors by facture after the Inversion of Britain. The him thetrimon in the threat in the Cretins who wisher. - bit the also are bransmitted from father to for this a long hungion of generations. Graduels & consumption in like insumer are hereditary in many families and of which ountry parts of the body much more hiable to Thange by surespice goverations than the fkin. Thousand the in the Jaid that the Enfestions quality exists

V But it is infectious - white from become rank col? after sluping long with black men, more especially if they have Children by them. Of this I have beard of two instances, the Im in Pennsyle. -

in this color of the thinan negroes, of answer that this is the case with the Disease at present in Many parts of the horld to to ceased to be comme mication by Contact. V Smild it be said that the origines are as healthy & long tived no other mysle - I answer - that an no local diseases of the thin affect last the general health of the body, or the duration of human life. Dothern says that the State was very common in astronal yours with himsise of the Conquity of many prople who were affected in: it. In the vignoes who leve now in this of country, pushaps it w:

I The folor in the negroes is realed in the Rete mucosum.

be proper suther to consider the black color as an effect of an evanescent disorder. The isistence of a bolitary lyng. tom of a disease after the disease is crowd is no uncommon thing inthe a dash Color often continues and Days on the tongue after the cure of a bilions fever, I the red mushs often appear on the thin many months after the survey from the proll port. The theory I have endeavoured to establish leads to two very natural reflexions. I That all the claims of enjoinity of the whites over the blacks on leve of their loler are found in ignorance & inhumanity. H

equality of mankind. 3: Is the black color of the negroes a disease, and are all diseases consable? - then let humanity & fine combine this strongest efforts, & endeavour to discover a remedy for it. nature has lastely impossed a horner upon This Subject. It invited no to her hugans Sportaneons Comes of this diseases of the Skin in sennal blush people in this Country. In a certain Idenry propo who lately travelled this this city, and was exhibited as a flux box promy, the line was marly loss. - plett , The Change from black

the color of the negroes be the effect of a discusse, instead of inviting us to typen mire over them, it should intitle them to a double postion of our humanity, for discure all over the world has ale ways been considered as the Signal of tompasion. 2 If the thirty I have delivered fhould be been of a sixter and things up the mentality of husping up that de princies against a soutie mile convections with them as would timo to inject prosturity with any portion of their disorder. & This may be done upon the principle of have mentioned without offering any violence to humanity, or colling in question The original descent and national

to a natural white flish color began about typeans ago at the ends of his fingers, and has estended gradually over the quatest pasts of his broy. The hood the which formerly perforated The Cuticle in this man has been Changed into hair. - In Change in the dit, drinks, drep, employments on ht ration of this erran, had taken Tolan previously to this Change in onis flair. But this fact does not artificial artificial attempts to dislodge the Color in vigroes, any more than : the Spritameons times of many other dioensio militate against the Else



522 of endrive in the practice of Physics. To direct inquiris & expensionents ingrown this Subject, I shall throw out The following facts. I for Hunny boursely anop, the colonways first discharged from the Shin in those blacks first on which there was most joupine from the thing, or attition from
the trunk, ob broy, settingh, and
on his
on his Ahe distruction of the black Color was probably occasioned by the coloning matter of absorption of the rete mucosum, or pushaps by the note mucosum itself, bor pressure, it is well known aide the faction of the Lymphatics in lucy



part of the body. - It is from the latter a cause, that the palmo of the hand of myro women who stend spend this liters of at a wastritup are yenerally as fair as the palmo of the hunds in laborring white people. 2 Depletion and midnet whether by bd:- pringing, or abstirence has a certain effect in lipning the black color in regroes of many facts induce one to believe y and in alteration and it wo ! a more temporary victime has often hun Housed in argues from the influence of fear. 4. D' Bellioso tello no that he has discharged the Color in the black

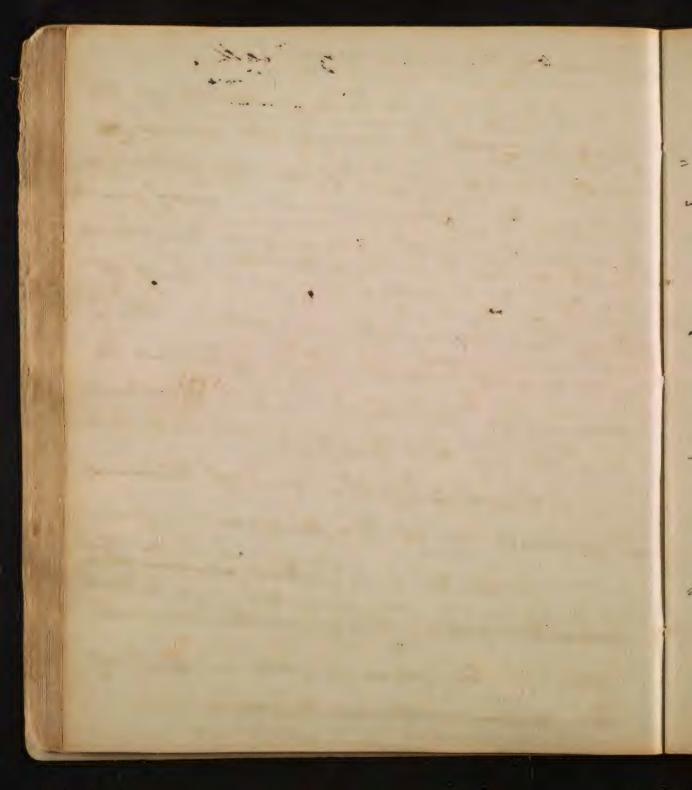
I'm them produce a large portion of happing rough in the world. We shall I distroy One of the arguments in Junor of the Come inclining the megoes, for this Tolor has been supposed toy the ignorant to manh them as objects of districts of heaven, judgements, of heaven, in the land to qualify them for con. - stant labor in hot I unwholsome Climates. 2 we shall and quetty to y. hujojoineto, for however much they pre. - to be outispied with this Color, there ine many Joroofs of this Joreforing that of the white people. 3 her shall render the belief of the whole human sace leving desembed from one pair, but more easy, &

1 5-24 bool of negroes by infring it in Desginated musi ates and, & lepard it in by the same means in the hand of a mysoman. see & awhirs, fact p: 120 5 a citizen of this The a citizen of Philada yyson whose Unacity of have project scliance apared me that helas one seen the Skin of the Side of the theek inchining to the Chin, and of thanged in the source by mysigne peaches towife of which he was very fond of eating) fulling & noting frequently upon those parts of the body. to ensurage attempts to cure this disease of the Thir in negross, let ers recollect that we shall by succeeding

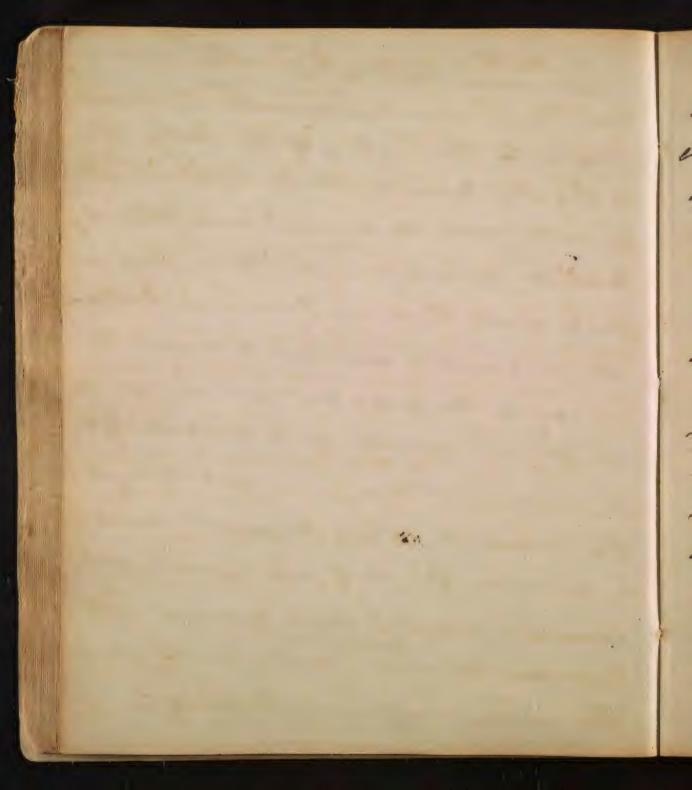
universal, and thereby not only add wight to the Christian melation, but remove a material obstacle to the exeruse of its that driving prisept to miveral binevolines which is in The state of the s = culcuted by it. 6,910000 · (1) 18

V to see old age is the effect of such a decay of or loss of the Sensibility be contractility of the body , as to sender it incapable of emitters ruining Upropagating The motions of life. This huch is the Change in this respect indued on the Solids, that they some of them viz: the artiries are sometimes con = vested into bone. Existement & exit! are both exhausted in all age, and death from old age is nothing but a general palsy. I said formerly it began fish in the eyes, & Sprinster of the bladder.

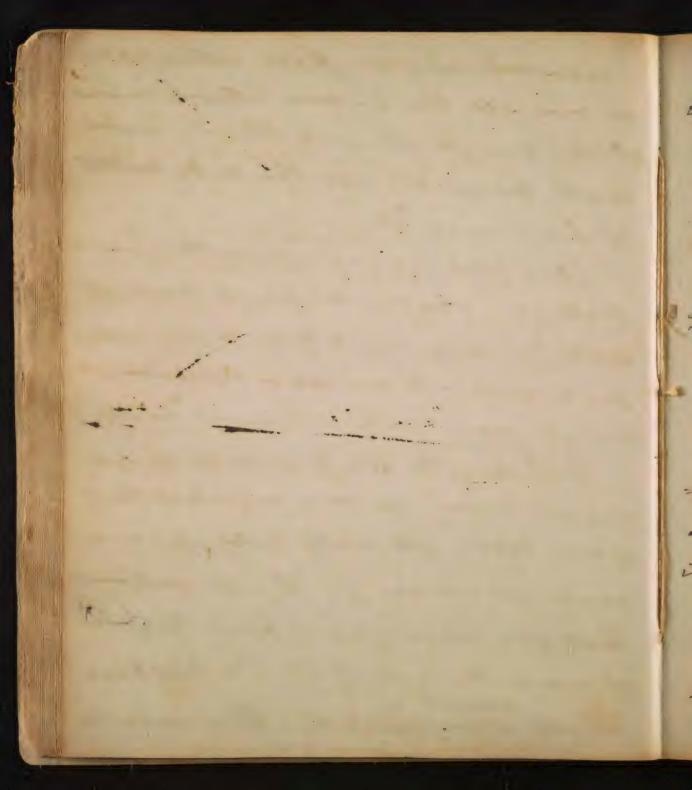
carelity of muching his tory of all the proximate course of all that are in our hyllabres, I wone fundle but our liebusing expired, I would unable to enter upon them. I have kept back he one principles from your - and if These have been well understood, they will enable with the helps of books to account for the all the Discusses that are amilted in our lectures. I shall be to the highes of Diseases I spoke fully in the prognous of fevers) I shall only select for the Double. Efterwards, close with an act of the practice of There he 12. -



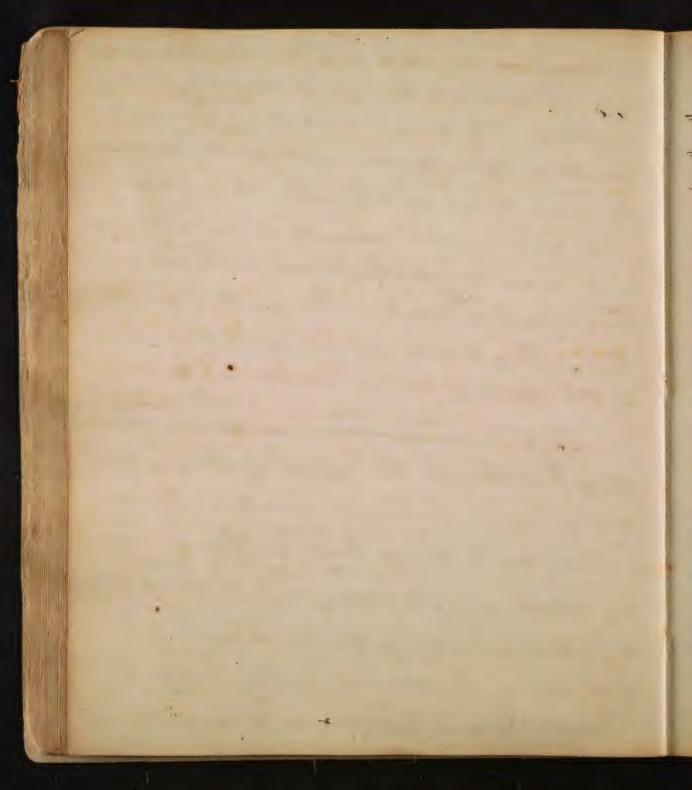
be have spent to metter in inqui. - ring into the history of the broy in its healthy & morbis states with a ringle view to case its diseases, and thereby the the sumature death. But in spite of all that over Science or let can do, we are still unable to assect the ranages of this great destroyer, in Infancy - Shitshood - youth - and middle life. It is true we have been able to limit the number of his longues to mind the discours of war of many valuable hope and pleasure to the time when The more improved states of fine,



reasond religion, Shall either present or enere all the Diseases which now elide over thill, and thisely render death from old age the only brettet of human life. -Down first inquiry upon this fuljut Hall be - what is the final Cause of death? - why has it been made newpany for our livies to unsugo a difsolutional mingle again with its parent earth? - It belongs to the Divines to apign moral reasons for this catastropshe of of our bonis. It shall only upigna southeral reason for it - It would form Hook bur bodies derived from the fall of man the luds of all the disorders which now diship it. They is make

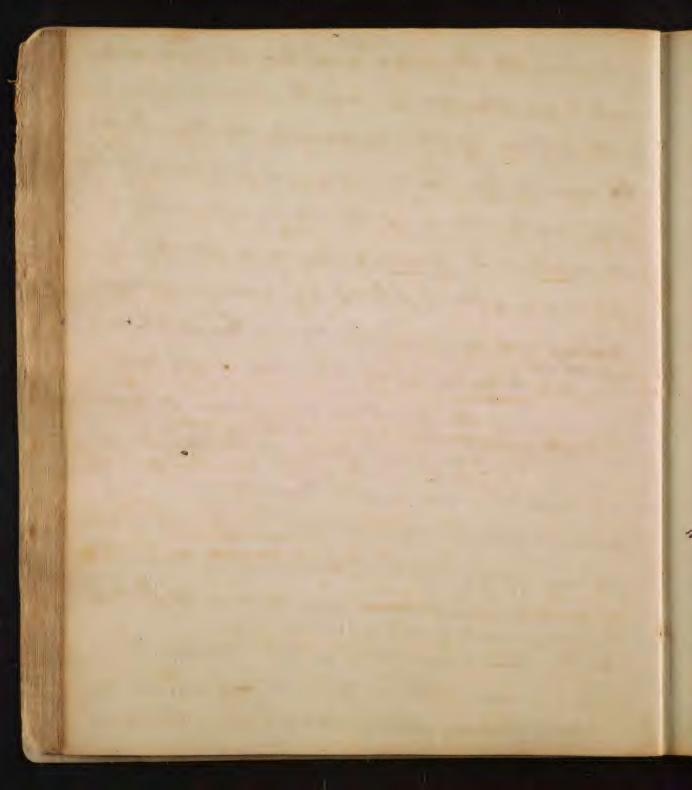


though an old and tiltering house which somet be made timble fey any repairs. He divine Architect John wise butter, takes it down altefether inour to order to refine & purply its materials, and afternands to albuild it in a new and more durable form. Let us us rest therefore deplore the death of our bodies. hum this went timble as it apprears is the offert of divine wisdom Doodnets. dife & some said with my them ting breather, is the effect of firmuli acting upon animal matter. Death is therefore nothing but a Change indued by discure or old age, as to prevent this matter unitting the motions of life. no more happens to the body by death than happens to a Violin



when its thrings are too much reless. = ed - or stretched - or broken. This de= = Itruction of the capacity of the body to emit life in discuss is produced ily the abstraction of the Itimuli which Anso prost it, granticularly of food by Garnine, It of blood by hamonhages. This no more happens here than upset occurs in of the bone of a Violin, the abstraction of the bone of a Violin, distroying the further enrifiers of found.

2 By the exupire form of thinnels of all hinds. as more happens here y: ours from too much prepuse on the Strings of a biolis merenting themission of a musical note, or from its strings living overstretated. 3- By the west too much relaxation. - no more owns here than owns in the extinction of Janua by the total



relaxation of the ftrings of the brotin. h-By an error in the place of certain Shird or so his parts of the body. as more ours here that would seem Jum fixing the Strings of the Violin on the broy of the without the hopport of the bridges which raise it an inch from that broy. 5- By costion of certain vitiles Shinds upon parts of the body which enrit most fourthy the motions of life. as more happens here, that what is moderned by fining a peine Strings of a friend in a price of Way. 6 By hounds & the Polistion of Tolid parts of the bring. One more beins here than whom the confiion

V the Convulsions & preternatural death, are the patrial of Stimuli action por partial excitability V he short - happens to the body from the destruction of its consistency & cohesion than happens to a Loud ftone which when broken to prices ceases to propels the The dipoletron of the body by death is generally accompanied by

of Sound is presented from a Violin, by cutting its ftrings.

Alarthy death is produced

J By rigidity and even an opification of the bolids. Death from old age arises from this Cause. - The Solids refuse to yould to the imprepions of thimuli from within & from without. no more happens here that would happen, if a bich or a pepe tem were plant in the soon of Cat get upon the body of the Violin. Death then gent is nothing but matter to receive, and presence the motions of life. Live there ine quit the human

frain, but there many exceptions to this remark. This I took notice of it formerly and added that I believed death often come on with pleasurable prosations. The value of a the pair of dying. Discours of the bowels is for preshages the most pain. -ful their for when it is realed in any Other part of the body. The margins of miribean who died of an inflam? in his bowels declared that he "felt in a moment the panys of a thousand years. heat in pain is death from a disease in the belander the book ask

tending by putre faction to a mistyre the with its native. _ we are someto for superated, from which the must relation we motain to each other upon the teats we now veryny in this worn. - not so - the particles of matter which comprose our bodies. after lying in the France till the Juds of weatheress and disease, are totally destings eradicated from them, they shall again be united, and every particle which comproses them shall accupy its former place in a new and a more durable form . - The analogies of this ruemon I munerous in the works of nature

in the lungs & liver. I shall hereafter inthe Prognosis of fever describe the Symptoms of death, & Shall mertion the means of telpning or distroying its pains attogether - for this is an part of a Course of lectures the on practice of physice. It has his - therto been too much neglected, from a mistaken idea that the business of a Physician is only to une Discares. His brusines is to lepen burnian misery in all the forms in which it all ashs the body of mais . . Is hall only and here that Death from oild togs is attended with no pain It

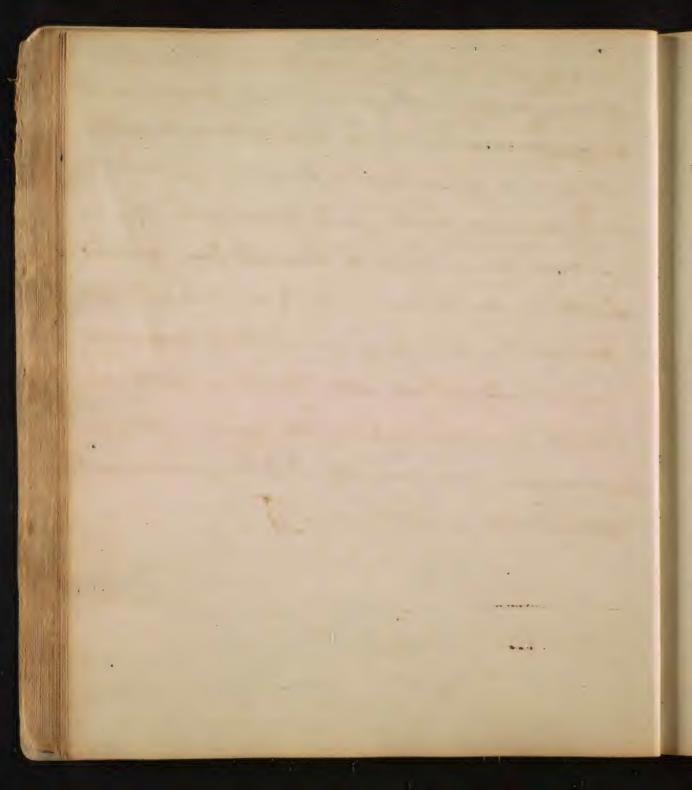
& art, that to a candid phailosophen it would not have been demidathing incredible that god thould voisethe dead, - were the resolution had been Dilent upon the Subject. To a Christian the prospect of the reormetion of the body is wellated to buyet banishofen Leto chimbe roger, and to support the mind up man the : Hiction .- But to the mind of a Physician This prospect of a future reasonation is calculated to efford wet valy a of the lasty weest affect double co Tomble portion of last pleasure way time the comfort of a minimable of without the best of a patient worth of course of his friends by fellow citizens wrested from his hands by disease and 1 death. He considers the triumpshoof death as transitory, and the he looks

" comes on with the gentleres of Shep. In a more inignored that of man kind, death for wele usis predicted in the firistenes, death from old ge will be universal, and of course the pains which now attend it will be unknown. are not a The Signs of death - nort Cold, as cepation the Signs of the Gody, not even putrefreof Inelse - and the Jung continued appraisance from - but a long continued appraisance of all those Signs porrows - Haller - de nevet especially butrefaction.

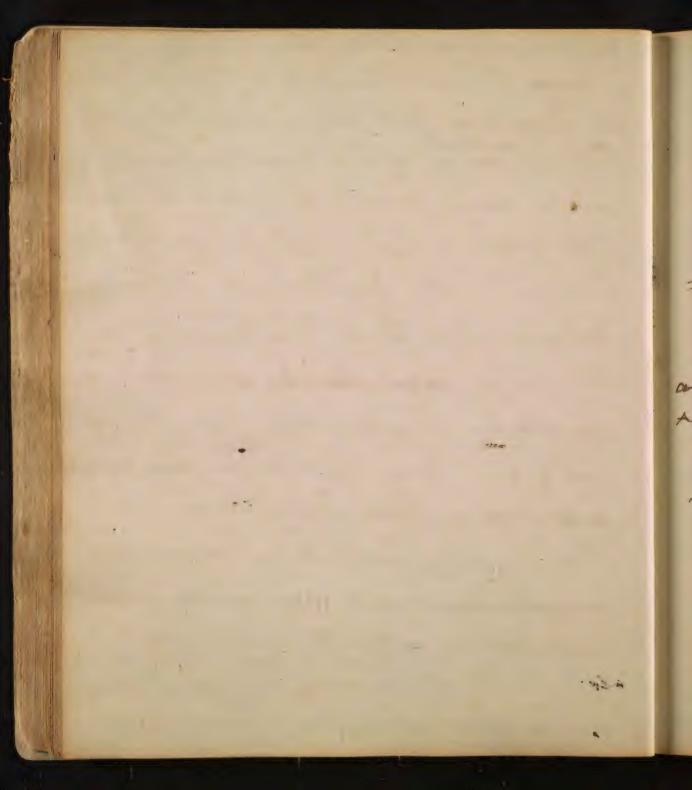
bour and to the juple morning of the and fellow citizeno, from the Heefs of Death, pure - healthy - and for ever afterwards not of the finalis of life. Divith this we close our letters for the present year. Augst of my Stranks for the attention with we. you have howwired them . There only to Excuse their defricences, & ascriber them to the mostly & difficulty of my belignets. I dansent Isamin the new principles & practice I have daught you with liverity & candon land if have been midtahen in any thing commince me of my enont

Before I constitude much of when to have only to morning to your to take a final leave of the University, not to Juffer the toils of proceeded duties of your profesion to interfere with the Study of medicine . a Physician who gives over reading when he enters into practice, with often in less viscat 50, than at 25: It is in consequence of having observed is a much Practitioners of Physic are disposed to lay aride this works, that I have down times proposed that Degres in midicine should be given only for a limited time, and that they should be provided it appreased that the candidate had lost no part of the month during that period which entitled him to his first degree.

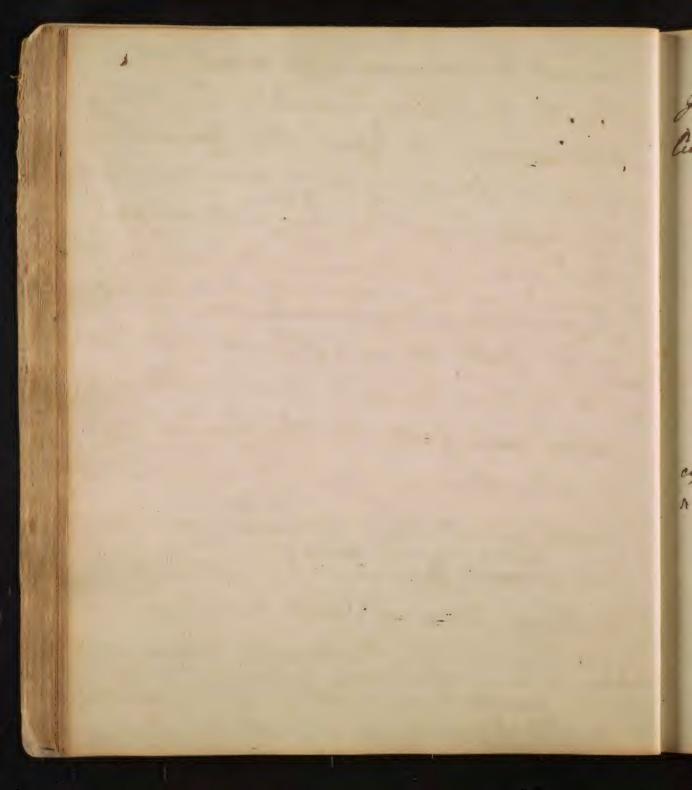
I regret that the principar difficulties of my profesorship, and my profesional engagements have deprived one of the pleasure of a more frequent private intercourse with you During the winter. - I am sure that I should have quined both entertainment & instruction Junit. I beg you would command my denies at all times. with a heart overflowing with best wishes for your prosperity, I bid you am affectionate nanewell.



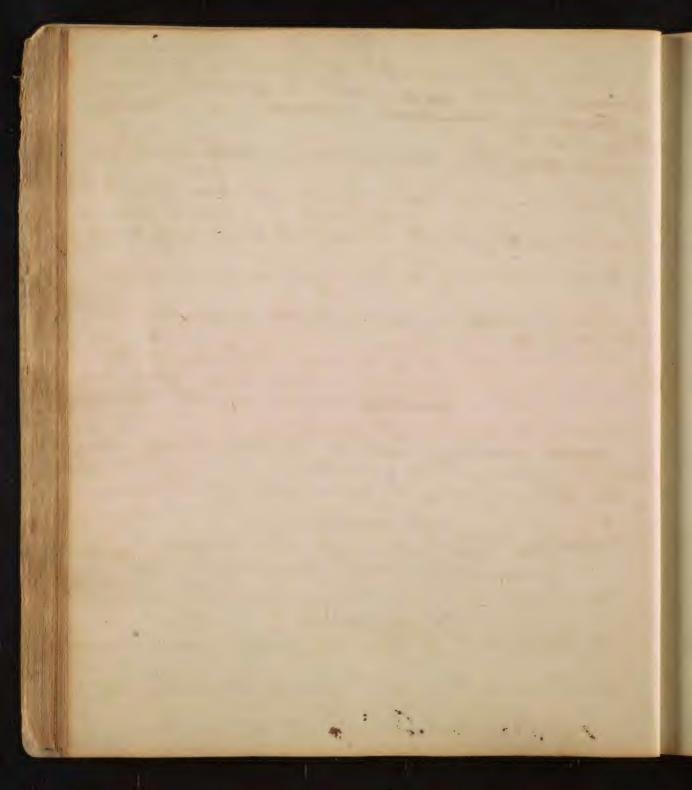
However unpopular they may be in this city, they I have had great pleasure in bearing that they have been adop. to in Joseph of the west proraplands, and in down parts of great Britain Agennary. Let will he no Objection to their with gentlemen who know human rathere to Observe that They are opposed of opposed, for city one Creterion they pople and has of their being true, and that is, they lead to a more dimple, a more during to than any that has begingnoposed. who oppose them have been



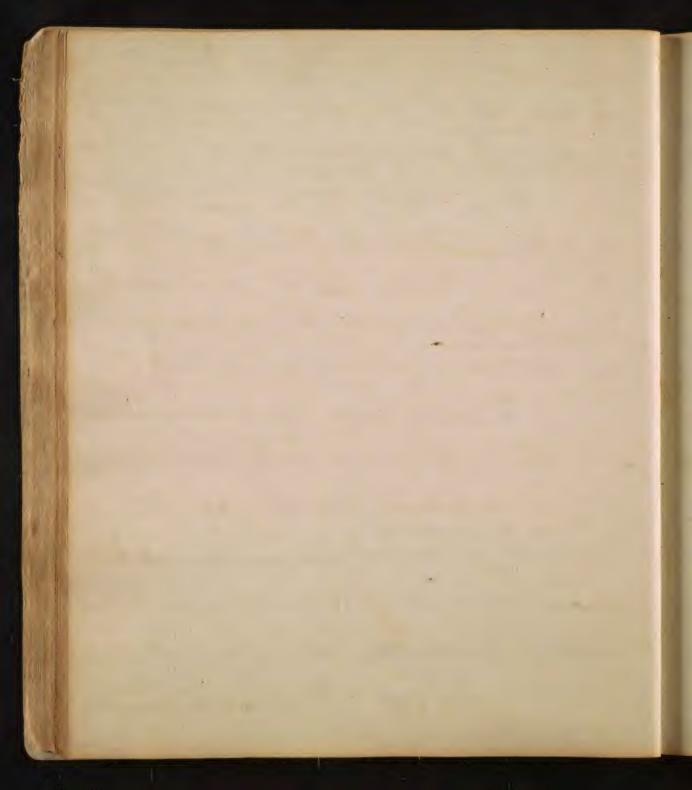
goned to achim ledge that the endeavour to lepen the operation of it, in favor of my principles, by aporting, that by adtrangedis. Internation of diseases in omity all, I fall to my thave, while Atto difficult and incurable dis. = cases all fall to the share of my Brethrees. You gent: care
contradict this cares of themost aute cases of have seen Prenny - yellow fines, Epilipy - Dropsy, and Contrision of also the most obstinate cases of interin buys cured by Remidies, which have



Jeen the result of trineitsles with taught in my 535 the Cutiques . as the corruptions of the modern governments have sendered the opinion political have become universal, that revolutions are neapy I inevitable; so the ignorance, evors, Grand, and importure Dimpudence which forevaily every where in medicine, lowedy call with equal equally necessary & inevitable of Physic. Whatten This braines has already to of anient projudice have been shahing but whether the great fabrice of error & fulsehord shall be overturned,



and a simple republican temple be be exceted in its room, dessends wholly upon the principles & jorastice which have been tought have, being adopted and gerjo/sorted in other parts of the United Males. Effere they must languish, for a while for reasons that are too obvious to be arentioned -To encourage us to persevere in this enterprise of humanity, let us secollect two things. I that in acquiring to candor in acquiring to have communicating knowledge, will supply the place of splended abilities, and 2's that divine



providence generally makestise of week It was they instruments blessings to mankind, frequently makes use of the weakest, and anost unevorthy instruments for that purpose, in order that the boxon & praise for these blepings may be wholly his own. go bachto 532 -

V Under this gent: I shall introduce not only an explanation of the course of the figure of diseases, but make duch inferences up from them you the probable if we of a disease in life or death of the prognosis in diseases blue of the duty of is by no means a part of the duty of a Physician. It was crept into medicine when the profession of a the Priest, & the Physician were united together The

of the rigns of Discusso _ & I as they appear in partial debility, direct & indirect. I need hardly name these figure of debility. They are in ability to perform Ha motion. I exclude prin in motion or exercise from debility, for pain is always the effect of worked excitement. The figno of delility ashether direct or indirect one so exactly the same, that they can only be distinguished its causes - and the habits it attache. when these in comstances are attended to there will be no danger

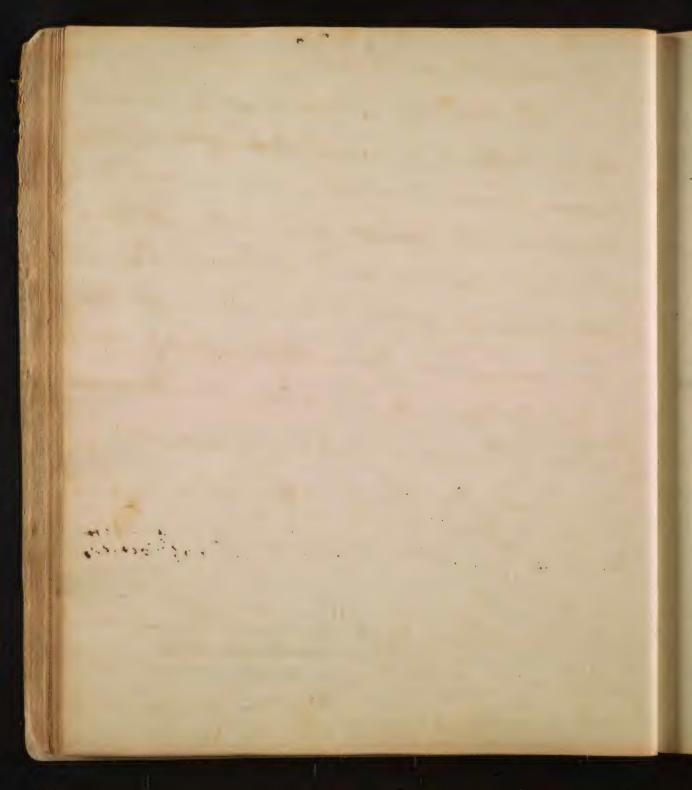
V The printes the is by no me ans the fign of danger. We see it in the beginning of mes chiseases in which the System is strongly impregnated with exitability. It is sometimes attended with danger in the close of n diseases. many prople die of debility, or after the removal of the disease with created it. It is of consequence to know this, in order to prevent chath by obvitating it. - of the downer tron of the jule to the artines of the feets of on -de

of mistaking them. The debility is partial in most cases affecting some Dore of the lystems more than Unother. The morbid exitiment about generally gollows in that hystern only which hasbeen sween when all the Agotums have been delistitated, more
- bid action takes place in thousand,
part of themes application of existing Earnes to them. Demender always Discuse is local. V 2 of the ligns of diseases in the pulse. +

Delive blios lecfocks are the primum

much in point of whility or importable to ins

minary
the body. It is highly propper



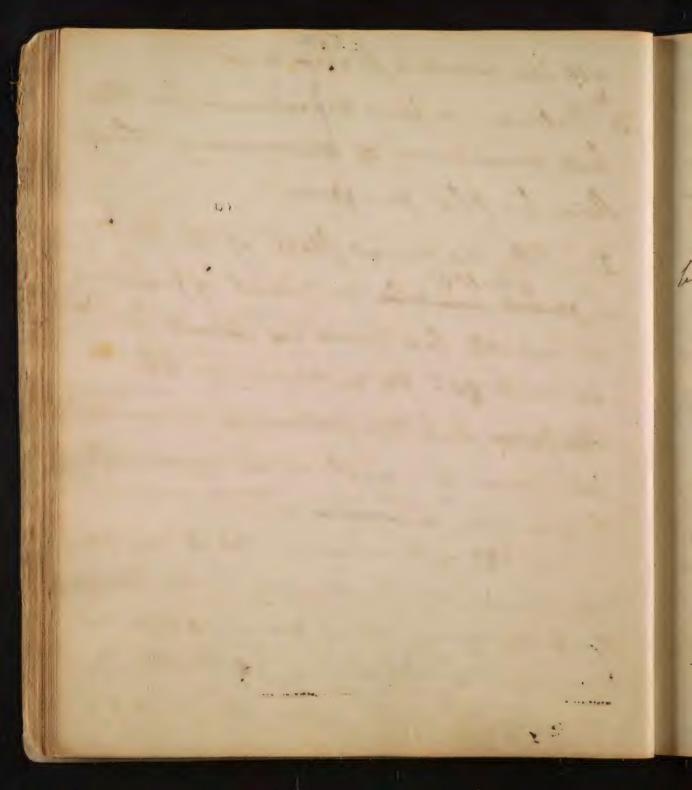
therefore to seek for the signs of health part of the body. The pulse is to the blood refords not only, indicates the fate of the blood refrees, but from this intimate connection of with all the other Lysterns, it indicates more on les all its moshid affections. In Short, the pulse is to the birdy what the dial plate I hands are to a watch. - It tells us all that is going forward in the body. It is the above all others ligars the prosourcter of a measurer of diseases, they reside and have often been distinguished by their predilection to particular dypuptome in which they judge of the State of the hyptem.

+ In our introductory lectures generate? the difficulty of relying upon any one of them, regreat them V It is Immewhat Juspining that Stippoerates & Celous knew and say so little about it. Jalin was the frist Physician armong the ancients who attended to it.

There have been the phone are for Some have chosen the the more, Jone the respiration, some the counterrance & some the exerctions of Unive, feees Ishweat. mine my hystern rigits where of these ligns, but it fixes with its primispal attention upon the bulse . my will be known every where by their knowledge & predilection of the pulse in forming a judgement of disesses. He he considering this fulget I shall I men tion the facts which belong the history of the pulse in its natural State - 2 & shall mention

V The pulsations in This natural State of the pulse in point of frequency, are fat equal intervals - soft fopen drigosoms, and free from a Sense of resistance.

all its working thates and 3 Deliver a fin dipertions for the best manner of discovering these fates by the fingers. I - The natural State of the pulse in point of fuguency in middle latitudes is about between 60 and 80. Its medium is 66. V Its for But the following lis comstant begueney, and the transpinstances upon its fore. 1 age . It is from 130 to 140 on The day of the birth of a child. During its first year it is from 108 to 120. During the 2nd from go to 108. Du. : ring the 3 " year from 80 to 108.



It continues at 80 to 108 thing the 1,5 & 6' years of its fife. In the fyear it falls to 72. at, and after 12 it is the same as in adults which is from 45 to 50 it is amily from 45 to 50 it is amily below 78 according to Hallet intermitting. This comes slow; and intermitting. This is so much the Case that a pulse perfeitly regular in a very bld man is a Sign of a cliscase. The flowness in some cases, discende to 42.30 I eren 26 in some Old prople aurding to Dr Heberden. I fex influences the Juguency of the pulse - It is a hours quicher in women than in the 3 Different States of Society, or

+ D'Douxion Lovape a physician lately. from Tridid ad informed runt Ends, 24. 1807 last that Island, and on the Constal Coutte aminea, were uniformly less frequent, than the pulses the former it from 55 to 80 in the letter from 65 to 88 in a winele. Fremelyning my out The same ity menter of exp made ly menty upon the pubes of a humber of hidrand. They were it is true higher than 60, but less fuguent than the traders who lived among them - and Still less frequent than in the life thanking in some the state be remember for more busy the way fact the real was brien of an all the best of an arrange the south about the pulse of an living the carried the carried the pulse of an living the carried the Sidian Chief only, who has whose bat who how oursianally amond civilized people, so

It is slow in all Jarques who want wet the Stimulus of the't & labor to act upon this lookes. Out & 8 Indians out of ig in an experiment

8 Indians out of ig in an experiment

I made a formation of format

in a minute. In one of the person

in a minute. In one of the person in whom it was more frequent, had been ditting by a fire, and the Other I found afterwards was the Sou of a Frenchman, ley an Indian wolker & go to 1. of new writing. The Country whose minds are

V It is quicker in a frame Climate than in a temperate & fold Chinate, dit is quickes in new compres in the Wondies than in old inhabitants, - and in newly imported, than in old flaves under equal as como taness of age. 29: In some lower, In Demarary - the inchiam flate of the forlow in a heat between god 200 is 82 -In our all Lettlers 190 - ion a newly arrived flave 88 - in an ald flave 82 - anording to

but little cantid by constant busines, news, and Conferention than the inhabitants of large towns, thepulse have Stomer trubes than the inhabitants of large cities. I wish these experiments could be extended to dif: - jesent vations, & stip to all the diffe. must openpations of men. It fire influences the frequency of the pulse. It is more gricher infhort, than in tall men. In very large hrem it has been observed to be but 55. Halles the 5. Climate & Season instrume the frequency of the pulse! It is slower westeries. in a the cold climate than a warm One. In grænland it is soldomabore 40. It is older in winter, than

14 Chisholyn wol. 14 p 668 - when at how you grained diet. he this man he days his pulse upos as quich as his own, thing in smeral of the orage histories who lately 1804 visited this city, but it was after they had had this Senses acted upon the new Tights of Sounds Ismells of our city of fin for several Days, of this aliver blood bushes executed by removal quantity of willing above to fate of the Lystern. This is the case is on molymen the fixans. In a cas person in whom it was 64 ay black y 6 mil In a third by y of with y 6, ma: 72 6 pm Dday. + In this ordinary friaterial State, the fact I believe is uniformly true. I shall early mouths affect the pulse j now as the Understanding of Indians are ordered supland generally in a quiescente, or torgind thate from the limited permeter of prejuts which oursey them I those Subjects only for a short time, it is no wonder their prelses are clower, on bop artire, than the pulses of civilized people.

ever of heat & isto frall the worths of the year to Different times of the day influe. - ences the frequency of the pulse - fire Elm = It is flowest in the morning - encuses till mid: - day - Is stationary till 2 oflock - when it Descends till 80 (lock, - then it rises a little. It is again reduced in fleeps - but rises again in frequency tile two hours before morning, when it again descends the four it is the standard the standard to the standard of the standards at its greatest weakness, at y of look It gradually rises till twelve or mirrory, & thus performe the same revolutions every day. I shall hereafter Tay these Changes in the pube in the night are influenced by a differente in the height in the air- as discoverable higher Barometer. vains - po of you

se Chisholps web 14 15 6968 - when at how you fittal diet. he this man he days his pulse upos as quich as his own - This I dane say was truf. I periored the danny fuguers thing in several of the orage histories who lately 1804 visited this city, funt it but a after they had had this Senses acted upon the new Tights of Sounds I Smells of our city of the for several Days, of this blood before the by removal grantity of which aliment of the Lysters. This is the case in mollymen Experients In a sea person in whom it was 64 ay ofbeh y 6 mil Je a third by y of other 152.7 of with 65 m. 56-6 p midding. + In this ordinary friaterial State, the fact I believe is uniformly true. I shall early musually affect the pulse; now as the Understanding of Indians are ordan employed generally in a quiescent, on torgind frale from the limited permeter of judgets which oursey them It those Inhjacks only for a fhort time, it is no fronder their prelses are slower, or bop artire, than the pulses of civilized preople.

I Light has a spent in flower up on The The puberost everens and lessons with different degrees of light and darkness. It is great consequent to attend to this fact in judging of a discuse by the flate of the pulse, and in prescribing for Dis was particularly those of a febrile tratme. Light and darbings are both hutful drisiful according to the flate of the Lysternin which they are applied I shall hereafter explains in the body to homes ascribed to homes attraction, chiefly to the effects of hight a Dushness upour it. cording to Doffaller, there are 15 strokes beeter between the morning & evening Wis: 65- 4 80 In some cases there is a demination of frequency at right to the from about it the ontroy of the sor stripe of the from 80 togo light south of the s A. Different positions of the body affect the figuring of the pulse. It is slimest when we lie on our backs - It if gricher when we sit

Thood and dringles affect the puelse. It is griffined by a full meal vi and by distilled & firmented . 120 liquoss. It is reduced in its fre:

In only by fasting.

VID Different profitions of the Arm affects the pulse. It is much reduced in frequency by facing uncovered, and by the prefoure upon the body upon it in bed, when the patient 120 fairiese quickers the males from to which to go of the in a prison while Setting is 68 when tanding 18 walking at the rate of how willy until the 40 to 150 When minaring 13 the briganny in placeres that putse. It is more article than rainal to as soon as loncestion

up, and grifhest when we are in an evet posture. 12 the exercised of the Understanding & of certain the mulse. The thin whating passions the mules to lot thokes in a minute. If anger encuoses to 104 thokes in a minute. The fingsly delis sedative prepions as grif, fear de reduce it in freguency I fone, provided it he felt before other it is accelerated by firmuli ceeting your assummentation existaby who has been accommetated by those a debilitating passions go to 1. mus writing of the pubse to take notice, that in Down pussons in for health, it is "pretinationally flow I mm Chippoole

takes place, and This activity is prevensed at the trives in which the menses ordinarily flow. \$ bigh fever at 60, + he the Reno moto Clayton of Liverpool it was at wo - until be had adver fever- cues after wir it was between 60 dego. D'helyt frentions a pessou in whom It was 120 in its shatmal flate. In a fewer inthis summarit was 180 spens when compaliscentit was 140 when lying a 2/20 when in sitting prosture. V It is further forcein a with difficulty very fat propell from fat compressing, or ", burying the artery. (a) , a kind provision of the anthor of nature! - we encatural discous, but internal ones are concested from two. s. 16 # Platin and in fluence the State of. the pulse - as opporter to which they are applied Ju Borden Vol 2 22 11 the litersh of 8 horn

Shows read of its total absences 48 & with good healthilly girich I morters tool In some the arting me commonly fuls, mus above the Redons parallel with the Think It is of consequence to know there when there divis ations from waters when they occur in our habitual patients. - Indud a great advantage would fate of every patient we attend in its ordinary & healthy State = It he come nest to ip grine into the morbis States of the pulse. Jut It departs from order and health, I In frequety, and quickness. By Jaguerry is ineant the number of

This Subject how in frother place; at present I shall only rimark that the Sympothy with between the pulse & discused parts is wi not with exact / potediscused, but with the parts contiguous to it. In Influent for I shall for hereafter the month Circulation is Ilovin than in healthy parts. It were wases altogether in down Cases. The now This has been observed by a microscope. The everenced aution is a tergo, or buy behind the inflamed part, & it is this action which produces corresponding actions what has been called papere inflame? - It is absent in all those cases in which we find signs of inflower after death, without previous fiver, or morbid action in the puble. Let not the exceptions that have no mentioned to the Unison in the pulsations of the arteries call in grestion the advantages

